

REPORT

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SUPPLEMENT TO
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THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH
USE OF TRAINED INTELLIGENCE ANALYSTS

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1. E4F7 Emission paste, a cathode paste produced at the Oberspreewerk, has the following composition:

50% BaCO₃

45% SrCO_3

5% CaCO_3

The solvent is amylacetate or Polysolvan E dissolved with 15% Intrasolvan.

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2. Research is in progress at the Oberspreewerk on the growing of silicon mono-crystals on carbon rods for use as detector crystals. So far it has not been possible to form the crystals sufficiently firmly on the carbon.

In the present detectors, silicon is condensed from silicon tetrachloride on both ends of the carbon rods at a temperature of 800°C. These are then bisected and used in the detector tubes 7M, etc..

No 4 mm detectors are being manufactured. The lowest attained is 8 mm.

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